

AMAGERY
ANALYSIS
DIVISION

MAJOR GROUND FORCE INSTALLATIONS
HSU-CHOU, CHINA

CIA/PIR 67168

DATE DECEMBER 1965

PAGES 36

GROUP 1 Excluded from automatic downgrading and declassification TOP SECRET

Declass Review by NIMA/DOD

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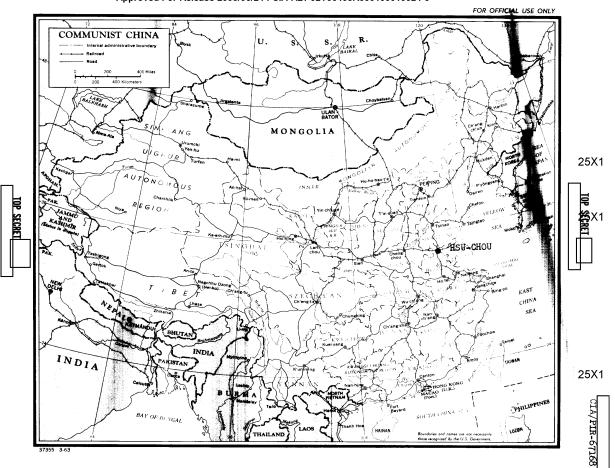
CIA/PIR-67168

CIA IMAGERY ANALYSIS DIVISION

MAJOR GROUND FORCE INSTALLATIONS HSU-CHOU, CHINA (34 16N-117 11E)

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	CIA IMAGERY ANALYSIS DIVISION CLA/PIR-07100	25X1
	PREFACE	
* * *	The major portion of the analysis and the graphic annotations for this report, with the exception of Figure 1 (location index), were made from photography The Figure 1 location index has been used only to show the areal relationship between the various installations in the Hsu-Chou Area. Any significant changes observed on the photography	25X1 25X1
	Measurements were made only of the vehicle storage buildings, vehicle maintenance buildings, and firing ranges. All measurements are approximate and have been made by the CIA/IAD project analyst. They are not to be construed as being mensuration data compiled by the NPIC Technical Intelligence Division.	
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The following alphabetical designators are used to delineate functional areas within military installations.

- A. Billeting area
- B. Vehicle storage/maintenance
- C. General storage area
- D. Ammunition storage
- E. Miscellaneous (hospitals, prisons, POL, personnel training facilities and unidentified facilities)
- F. Small arms range
- G. Driver training area
- H. Support
- J. Tank/assault gun range
- K. Flat trajectory range
- L. Sub caliber range
- M. APC range
- N. Combined arms range
- P. Artillery training area
- Q. Infantry training area
- R. Special or unidentified area
- NOTE: 1. The absence of one or more alphabetical designators indicates that those functional areas were not observed at that particular installation.
 - 2. Lower case letters (i.e., Ba) are used to delineate more than one area of a particular functional category.
 - 3. Numbers are used with the alphabetical designators in some instances to identify vehicles or groups of vehicles within a functional area (i.e., Ba 1).

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CIA IMAGERY ANALYSIS DIVISION

(PART 1 of 9)

HSU-CHOU BARRACKS AND AMMO DEPOT EAST

34 15N-117 12E

FUNCTIONAL AREAS

- Billeting area (figure 2)
 - 17 Probable barracks
 - 5 Possible quarters ("E" shaped)
 - 4 Probable administration buildings
 - 1 Probable auditorium building
 - 2 Probable messhall buildings
 - 22 Storage/support buildings
- Probable billeting area (figure 2) Ab.

This area differs from the other billeting areas in that the buildings are longer, some appear to have firewalls, the typical messhall facility is not present, and it is not separated from the adjacent vehicle park with a visible wall or fence.

- 27 Probable barracks/quarters
- l Large administration/messhall building
- 2 Probable administration buildings
- 24 Storage/support buildings
- Ac. Billeting area (figure 2)
 - 54 Probable barracks
 - 2 Probable administration buildings
 - 4 Messhall buildings
 - 44 Storage/support buildings
- Billeting area (figure 2)
 - 12 Probable barracks
 - 1 Combination probable barracks and messhall consisting of four joined buildings.
 - 1 Possible administration building
 - 1 Messhall building
 - ll Storage/support buildings
- Ae. Billeting area (figure 2)
 - 21 Probable barracks
 - 1 Administration building
 - 2 Messhall buildings
 - 16 Storage/support buildings

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Af.	Billeting area (figure 2 and 3)		
	23 Probable barracks 2 Probable administration buildings 1 "H" shaped messhall buildings 14 Storage/support buildings		
Ba.	Vehicle storage/maintenance area (figure 2 and 3)		
	8 Vehicle storage/maintenance buildings	1 @ 120'X35' 1 @ 150'X35' 1 @ 135'X35' 1 @ 165'X50' 1 @ 165'X50'/25' 1 @ 150'X50' 1 @ 180'X40'/35' 1 @ 105'X45'	
	14 Storage/support buildings 4 Vehicle maintenance racks Vehicles5 canvas covered probable T-34 tanks on range (La) adjacent to this area on photography.	the firing	25X1
Bb.	Vehicle/equipment storage/maintenance area (figure 2)		'
	8 Vehicle/equipment storage/maintenance buildings 7 Small storage/support buildings	3 @ 110'X50' 1 @ 100'X50' 1 @ 100'X30' 2 @ 100'X25' 1 @ 90'X25'	
	2 Vehicle maintenance racks Equipment7 probable field guns on5 pieces unidentified equipment on	photography photography	25X1 25X1
Bc.	Vehicle storage/maintenance area (figure 2 and 4)		
	15 Vehicle storage/maintenance buildings	1 @ 200'X25' 1 @ 270'X50' 1 @ 370'X25' 1 @ 100'X50' 1 @ 185'X30'/25' 1 @ 125'X35'/30' 1 @ 80'X45' 1 @ 265'X30'/25' 1 @ 225'X25' 2 @ 135'X25' 1 @ 150'X30' 1 @ 50'X35'	
	TOP SECRET		25X1

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CIA IMAGERY ANALYSIS DIVISION

	1 Probable machine shop with monitor roof 10 Small storage/support buildings 12 Vehicle maintenance ramps	1 @ 225'X35' 1 @ 170'X30' @ 100'X75'	
	Vehicles10 probable T-34 tanks on	photography	25X1
Bd.	Vehicle storage/maintenance area (figure 2 and 5)		
	9 Vehicle storage/maintenance buildings 6 Storage/support buildings	1 @ 320'X25' 2 @ 115'X50' 1 @ 310'X40'/25' 1 @ 85'X45' 1 @ 185'X30' 3 @ 150'X30'	
	6 Vehicle maintenance ramps Vehicles10 probable T-34 tanks onphotograph;14 probable tanks onphotograph;]photography y	25X ²
Be.	Vehicle/equipment storage/maintenance area (figure 2 as	nā 6)	
	19 Vehicle/equipment storage/maintenance buildings	1 @ 80'x30' 3 @ 125'x50' 3 @ 130'x50' 1 @ 130'x25' 1 @ 100'x50' 3 @ 100'x25' 4 @ 110'x50' 1 @ 80'x50' 1 @ 90'x30' 1 @ 60'x25'	
	2 Large irregular shaped storage/support buildings 15 Small storage/support buildings 4 Vehicle maintenance racks		05.
c.	12 Pieces of unidentified equipment on General storage areas (not annotated)	photography	25X ²
••	All miscellaneous storage appears to be well integrated billeting areas.	d within the	
Da.	Ammunition storage area (figure 2)		
	21 Probable ammunition storage buildings 8 Storage/support buildings		
	- 6 -		25X ²
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Numerous cuts in an adjacent hillside could possibly be used for ammo storage.

Db. Possible ammunition storage (figure 2)

Approximately 45 cuts around the base of a small hill. These cuts could possibly be used to store ammunition. Three probably related storage/support buildings are in this area.

- Ea. Probable hospital facility (figure 2)
- Eb. Athletic field (figure 2 and 5)

Area contains an athletic field and on photography—a 6 gun AAA position. Photography of shows a total of 28 AAA guns in this area——a decided increase in AAA training since

Fa. Small arms range (figure 2 and 4)

Area contains a probable small arms range approximately 180 feet in length.

Fb. Small arms range (figure 2)

Area contains a possible small arms range approximately 140 to 300 feet in length.

G. Driver training area (figure 2)

A tank/assault gun driver training course in a rectangular pattern. Arrows on figure 2 indicate tanks.

Photography of -5 tanks.

Photography of -8 probable tanks.

H. Support areas (not annotated)

Support facilities have been included within the other areas.

J. Tank/assault gun range

See parts 7 and 9 of this report

K. Flat trajectory range

See item "J" and "L"

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La.	Subcaliber	range	(figure	2	and	3)
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A subcaliber range with an approximate length of (100 meters) and one "V" shaped moving target run. Five probable T-34 tanks are on this range on both of the referenced missions.

Subcaliber range (figure 2) Lb.

> A subcaliber range with a length of approximately 375 feet. Four probable T-34 tanks are on this range on photography, photography shows three possible tanks. 7 Storage/support buildings are in this area.

Subcaliber range (figure 2, 5, and 6) Lc.

> A subcaliber range with an approximate maximum length of 1350 feet. Two "V" shaped moving target runs are at this range. Two probable T-34 tanks are on the range on photography, photography shows three probable tanks on this range.

- None discernable Μ.
- None discernable N.
- P. See item Eb
- Q. None discernable
- Unidentified area (figure 2) P. •

A secured area of unidentified function containing 3 large possible administration/barracks and several smaller support buildings.

> - 8 -TOP SECRET

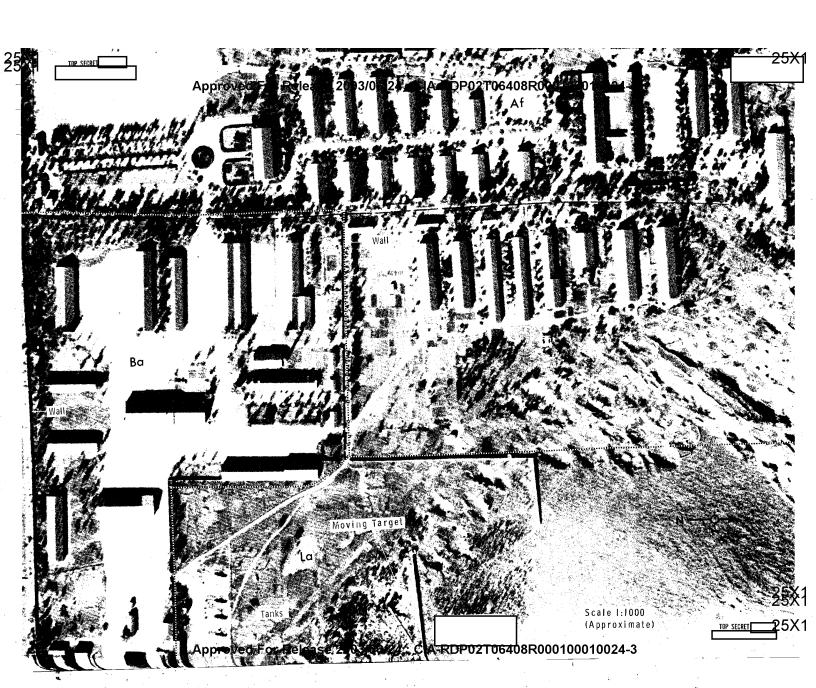
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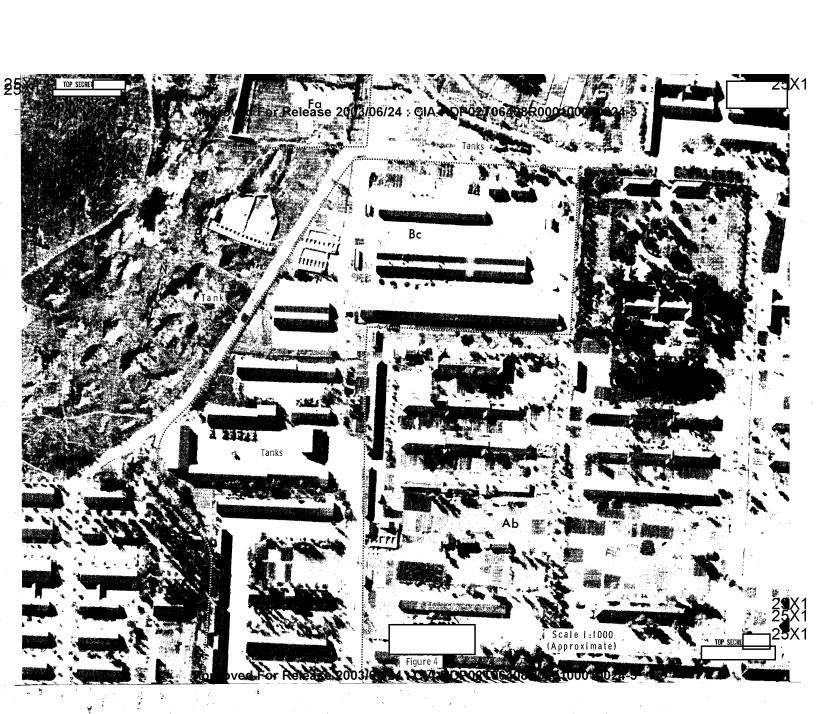
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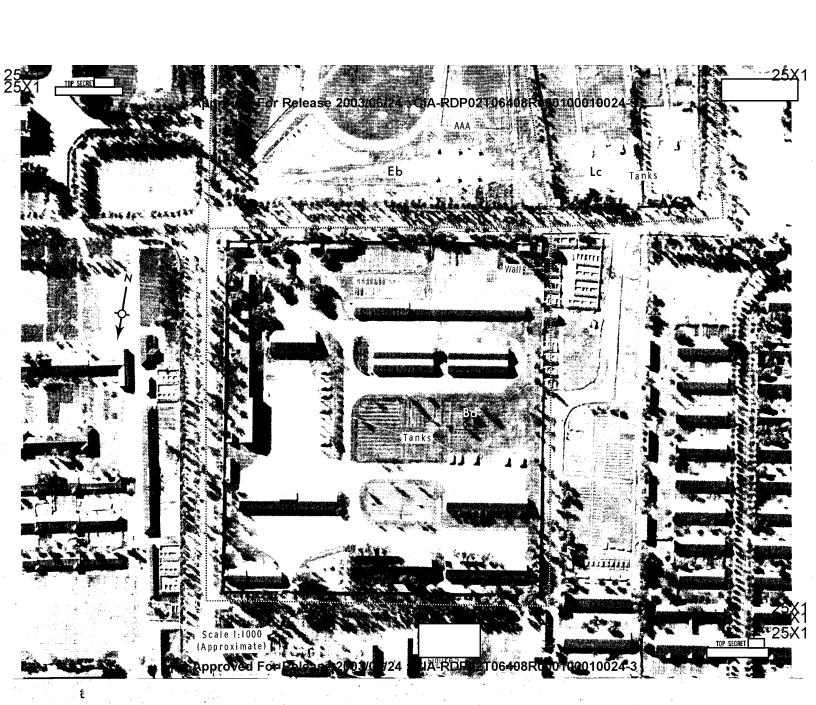
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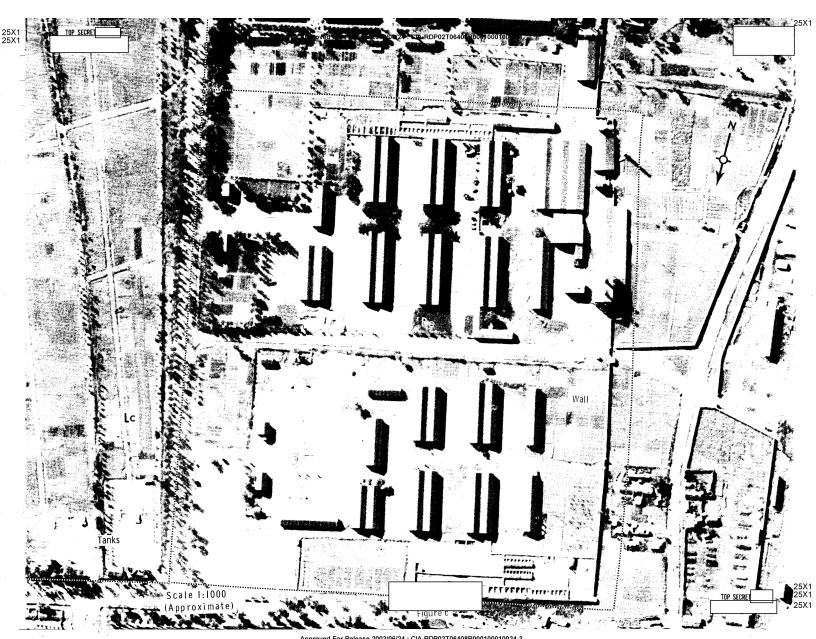
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CIA/PIR-67168 CIA IMAGERY ANALYSIS DIVISION	,
(PART 2 of 9)	
HSU-CHOU ARMY BARRACKSTUNG TIEN TZU	
34 16N-117 14E	
IAL AREAS	
Billeting area (figure 7)	
42 Probable barracks of varying shapes and sizes 4 Probable messhall buildings 1 Auditorium type building 5 Probable administrative buildings 40 (Approximate) storage/support buildings and sheds This area is secured by a wall and guard towers. The area annotated by number II on figure 7 shows a marked increase in activity on photography of2 driver training figur 8's are present on the photography.	e
Vehicle storage/maintenance area (figure 7)	
7 @ 13 6 @ 11 2 Equipment sheds 2 @ 15	0'X30' 0'X30' 0'X30'
Vehicle parking area (figure 7)	
This is an open vehicle park with parking positions for 15 probatracked vehicles10 of the positions appear to be active, howe no vehicles are in the area on the referenced photography.	ble Ver,
Hsu-Chou Ammo DepotTung Tien Tzu (figure 7)	
A secured area containing 25 probable ammo storage and 4 support buildings. A wall secures the area and guard towers are at each corner.	
- 9 -	
TOP SECRET	
	Billeting area (figure 7) 42 Probable barracks of varying shapes and sizes 4 Probable messhall buildings 1 Auditorium type building 5 Probable administrative buildings 40 (Approximate) storage/support buildings and sheds This area is secured by a wall and guard towers. The area annotated by number II on figure 7 shows a marked increase in activity on photography of

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CIA IMAGERY ANALYSIS DIVISION

G. Driver training area (figure 1 and 7)

> An extensive tracked vehicle driver training area that appears active on all referenced photography.

Tank/assault gun firing range (figure 1 only) J.

A tank/assault gun range with 4 vehicle runs (each approximately 1800 feet in length) and a "V" shaped moving target run. Maximum range is approximately 2800 feet. The area appears active on photography of both of the referenced missions.

- Κ. See item "L"
- La. Subcaliber firing range (figure 7)

A flat trajectory subcaliber range containing both moving and stationary targets. The length of the range is between 330 and 500 feet. The area is secured by a wall and it also contains one support building.

Lb. Subcaliber firing range (figure 7)

A wall secured subcaliber range with a miximum length of approximately 330 feet.

R. Unidentified area (figure 7)

A wall secured area containing 4 small buildings.

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CIA IMAGERY ANALYSIS DIVISION

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(Cont. of PART 3 of 9)

HSU-CHOU ARMY BARRACKS ESE

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25X1

FUNCTIONAL AREAS

- A. Billeting area (figure 8)
 - 41 Probable barracks/quarters buildings
 - 1 Large probable administration building
 - 5 Messhall buildings
 - l Auditorium type building
 - 54 (Approximate) storage/support buildings and sheds
- B. Vehicle storage/maintenance area (figure 8)
 - l Probable maintenance building

85'X65'

- 1 Support building
- 3 Vehicle maintenance ramps Vehicles---13 possible tanks/SP guns

-13 possible tanks/SP guns
10 unidentified vehicles/equipment on photography
of quality precludes count on
photography of

C. General storage area (figure 8)

This area contains 9 possible miscellaneous storage buildings and 5 support buildings.

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	CIA IMAGERY ANALYSIS DIVISION
1	(PART 4 OF 9)
	TIMIT MOADONACIO DI TIMITO

PROBABLE TRANSPORTATION UNIT BE None

34 17N-117 08E

This area is located immediately east of the Hsu-Chou NW Airfield.

The installation is secured by a wall and probable fence.

photography shows the following facilities and equipment:

25X1

- 29 Probable barracks and quarters buildings
 - 9 Possible vehicle storage buildings

9 @ 135**'**X35**'**

- 2 Large messhall buildings
- 17 Storage/support buildings and sheds

Vehicles---area 1--44 trucks

area 2--16 trucks

area 3--33 trucks

area 4--45 trucks

19 unidentified vehicles/pieces of equipment

area 5--47 trucks

Total 204

This area contains the largest concentration of wheeled vehicles noted in the Hsu-Chou area on photography of

25X1

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CIA IMAGERY ANALYSIS DIVISION

(Part 5 of 9)

POSSIBLE MILITARY BARRACKS AREA BE None 34 13N-117 10E

A possible military barracks area is located approximately 3 km SW of Hsu-Chou. The building layout of the two billeting areas is identical to knownmilitary barracks areas. The two subcaliber firing ranges are additional indications of military activity, however, they may be utilized by reserve type units for periodic training. The entire area may function primarily as a communal unit and have a secondary responsibility as a military unit.

FUNCTIONAL AREAS

- Billeting area (figure 10)
 - 60 Probable barracks and quarters buildings
 - 5 Messhall buildings
 - 1 Administrative building
 - l Auditorium type building
 - 70 (Approximate) storage/support buildings and sheds
- Ab. Billeting area (figure 10)
 - 52 Probable barracks and quarters buildings
 - 4 Messhall buildings
 - 1 Administrative building
 - 1 Auditorium type building
 - 90 (Approximate) storage/support buildings and sheds
- Possible storage area (Figure 10) C.

Area contains 12 storage type sheds that may be used for general storage or vehicle/equipment storage.

Personnel training facility (figure 10) E.

A personnel obstacle course in located within this area.

La. Subcaliber range (figure 10)

A possible subcaliber range with an approximate maximum length of 1100 feet. There is little activity apparent on this range.

Lb. Subcaliber range (figure 10)

A subcaliber range with an approximate maximum length of 900 feet. A "V" shaped moving target run is at this facility.

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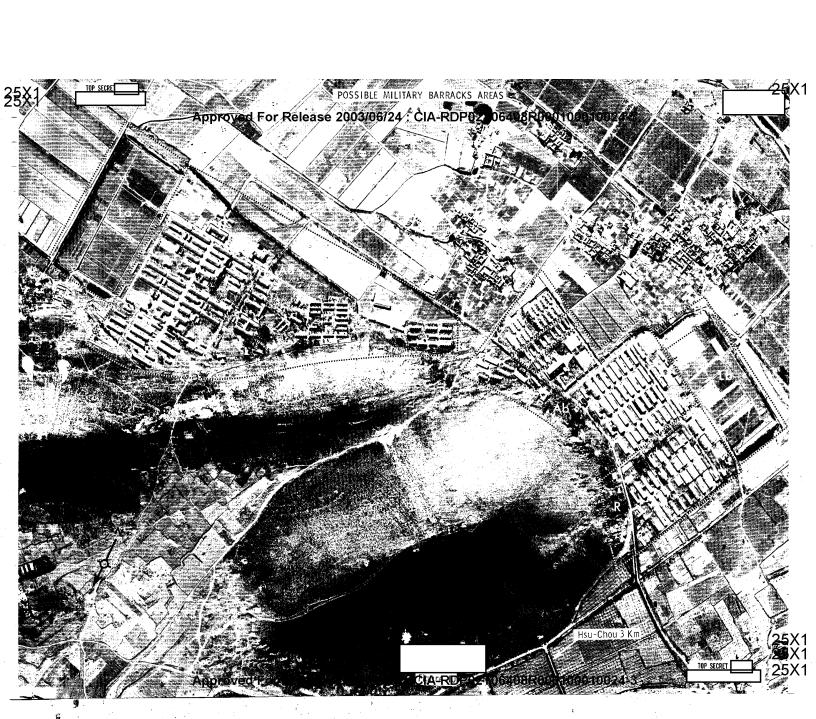
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R. Unidentified area (figure 10)

Area contains approximately 50 buildings of varying sizes and shapes. This area is possibly used for the storage of vehicles and equipment, or general storage. One vehicle maintenance rack is in the area and 10 small unidentified vehicles/pieces of equipment were in the area on photography.

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CIA/PIR-67168

CIA IMAGERY ANALYSIS DIVISION

(PART 6 of 9)

HSU-CHOU AMMO STORAGE DEPOT SW

34 11N-117 09E

FUNCTIONAL AREAS

Da. Ammunition Storage (Figure 11)

> A secured probable ammunition storage area situated around the base of a hill and containing 98 storage bunkers. Guard towers are scattered throughout the area.

Db. Ammunition Storage (Figure 11)

> A wall secured area containing 5 small buildings. possibly is used to store small arms ammunition.

Ha. Support Area (Figure 11)

> A small support area for the depot containing approximately 20 miscellaneous buildings.

Hb. Support Area (Figure 11)

> A support area containing a rail facility for the loading and unloading of material and approximately 15 support buildings (two with probable fire walls).

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CIA IMAGERY ANALYSIS DIVISION

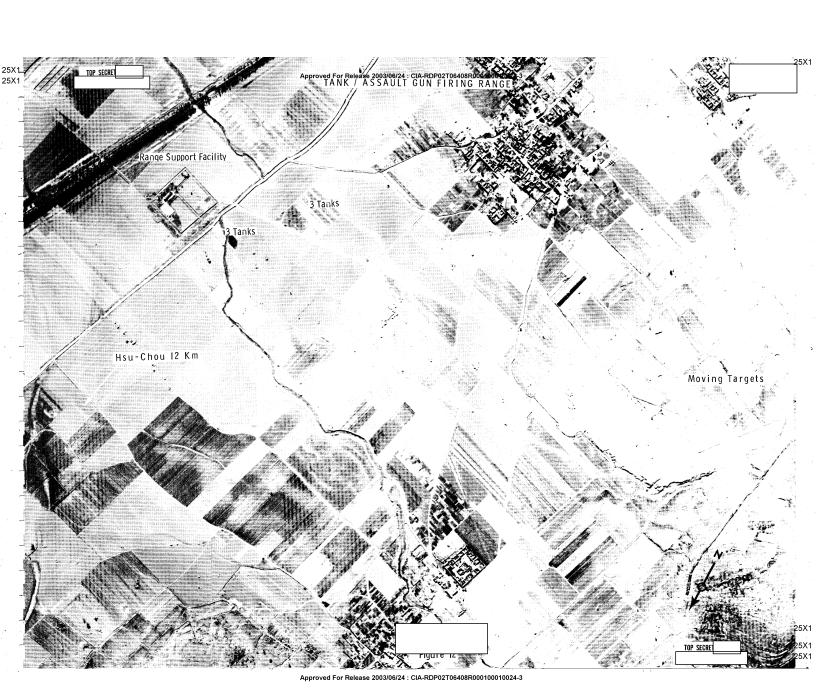
(PART 7 of 9)

TANK/ASSAULT GUN FIRING RANGE BE - None 34 09N-117 09E

Tank/Assault Gun Firing Range (Figure 12)

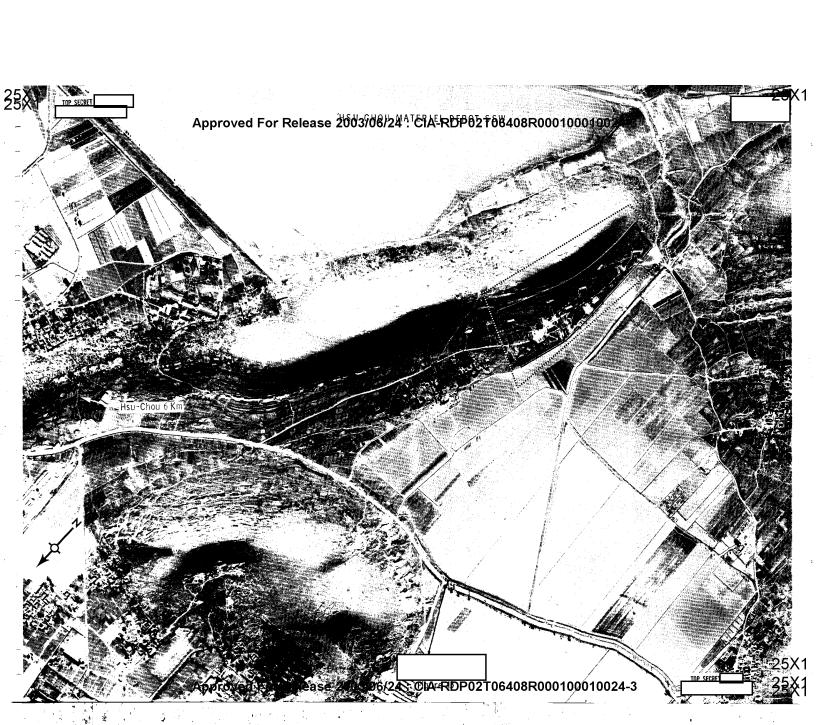
A tank/assault gun firing range is located approximately 12 km SSW of Hsu-Chou. Facilities include two vehicle runs (one inactive), moving targets, and a range support facility with two buildings. Six tanks were present on photography.

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	CIA IMAGERY ANALYSIS DIVISION
	(PART 8 of 9)
	HSU-CHOU MATERIAL DEPOT SSW
	34 L4N-LLY OVE
Isu-Chou	Material Depot SSW (Figure 13)
ings	all secured storage facility containing 8 dispersed storage builds and 7 support buildings. Five guard towers are also at this callation.
Comment:	This area appears to be an ammunitions storage area. Vehicles4 small utility trucks on photography.
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25X1



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(PART 9 of 9)

HSU-CHOU ARMOR TRAINING AREA BE - None 34 OON-117 20E

Armor Training Area (Figure 14)

This area consists of a tracked vehicle driver training course and a tank/assault gun firing range with a "V" shaped moving target run. photography shows 7 tanks, 1 probable truck, 5 tents and 2 support buildings in this area (see Figure 14).

FUNCTIONAL AREAS

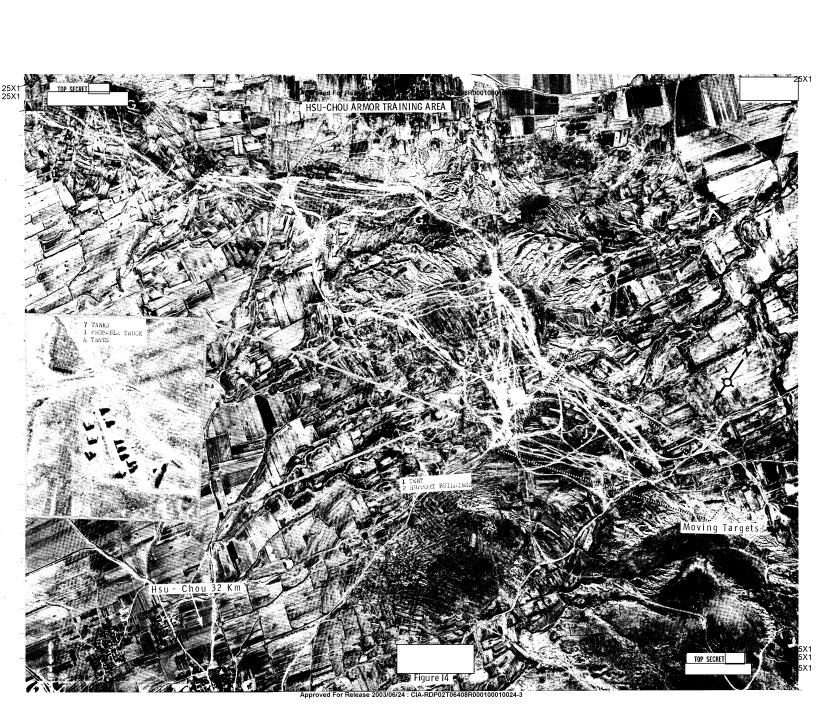
Driver Training Area (Figure 14) G.

A large tracked vehicle driver training course.

Tank/Assault Gun Range (Figure 14)

This area contains at least two vehicle runs (approximately 1600 feet in length) and a "V" shaped moving target run with a maximum range of approximately 2500 feet.

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IAD ANALYST COMMENTS		
or decrease of activity is indicate an increase in act in this report. The probable tanks/assault guns assault gun type storage should tank/assault gun comprowever, most of the observing driver training maneuver parked in the open which may	omplex a comparative analysi limited, however, photograph ivity at several of the instended photography shows a and 18 possible vehicles preds. This number is but a selement that is expected at a ed tanks appeared to be either sor gunnery exercises. A few indicate that they are unsequipment that is used for trees.	does callations included approximately 67 cotruding from tank/ small portion of the an armored division, her participating ew of the tanks are servicable and awaiting
	of future interpretable phot rm trend of activity and devions.	

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25X1

CIA/IAD PROJECT

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